

## ABSTRACT

When a series of main scan data is obtained by continuously acquiring image-forming data consisting of a plurality of nuclear magnetic signals, a plurality of correction data is acquired at a predetermined interval. Using the correction data, a correction data group corresponding to acquisition time of the image-forming data is produced and the image-forming data is corrected using the correction data group for each acquisition time. Thus, the image-forming data is corrected by a estimated phase rotation amount at a time of acquisition and consequently stable MR images can be obtained even under a condition where phase variations of signals change over time accompanied with changes of eddy currents and spin saturation.